

JP. 04151816/pn

L2 ANSWER 1 OF 1 JAPIO COPYRIGHT 2001 JPO  
ACCESSION NUMBER: 1992-151816 JAPIO  
TITLE: ELECTRIC DOUBLE LAYER CAPACITOR  
INVENTOR: KATSU KEITARO  
PATENT ASSIGNEE(S): NEC CORP, JP (CO 000423)  
PATENT INFORMATION:

| PATENT NO         | KIND | DATE      | ERA    | MAIN IPC       |
|-------------------|------|-----------|--------|----------------|
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APPLICATION INFORMATION

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SOURCE: PATENT ABSTRACTS OF JAPAN, Unexamined Applications,  
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INT. PATENT CLASSIF.:  
MAIN: (5) H01G009-00  
SECONDARY: (5) H01G009-02

ABSTRACT:

PURPOSE: To make it possible to inhibit the generation of a dry-up phenomenon by a method wherein a high-water absorption property fiber is laminated on one surface or both surfaces of a porous separator.

CONSTITUTION: A porous separator 1b having an ionic permeability and a non-electronic conductivity and a pair of carbon paste electrodes 3 isolated from each other via the separator 1b are provided, a high-water absorption property fiber 1a made using an acrylic resin as its base is laminated on one surface or both surfaces of the separator 1b at parts 1c fixed thermally by pressure and a laminated separator 1 is obtained. Moreover, conductive separators 2, which are arranged via the electrodes 3 and have an ionic impermeability and an electronic conductivity, and non-conductive gaskets 4, which are interposed between the electrodes 3 and the separators 2 on the peripheral parts of the electrodes 3, are provided. Thereby, the generation of a dry-up phenomenon which is a decrease in an electrolyte and a reduction in an electrostatic capacitance in a high-temperature state can be prevented.